

## CONTINUOUS DRUM-COATING OF GUM PRODUCTS

**Publication number:** WO03047362

**Publication date:** 2003-06-12

**Inventor:** DEGADY MARC (US); VAN NIEKERK MILES JOHN (US)

**Applicant:** WARNER LAMBERT CO (US); DEGADY MARC (US); VAN NIEKERK MILES JOHN (US)

**Classification:**

- **International:** A23G3/20; A23G3/26; A23G3/34; A23G4/00; A23G4/02; A23G4/20; A23G3/02; A23G3/34; A23G4/00; A23G4/02; A23G4/18; (IPC1-7): A23G3/26; A23G3/30

- **European:** A23G4/20; A23G3/00P20L; A23G3/00P26; A23G3/20L; A23G3/26; A23G3/30P4

**Application number:** WO2002IB04717 20021111

**Priority number(s):** US20010011654 20011204

**Also published as:**

- EP1450620 (A1)
- MXPA04005359 (A)
- EP1450620 (A0)
- CN1630473 (A)
- CA2465466 (A1)

[more >>](#)

**Cited documents:**

- WO0111984
- US6365203
- US5010838
- US4317838
- US5698252

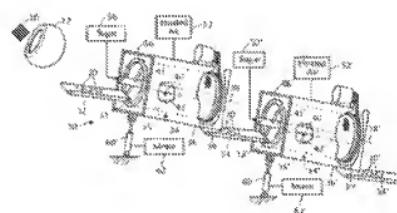
[more >>](#)

[Report a data error here](#)

**Abstract of WO03047362**

A continuous coating process for chewing gum and bubble gum materials. Small cores or pieces of gum material 20 are introduced into inclined rotating drums 34, 34' in which heated air 52 is circulated and a coating agent 50 is applied liquid or powder. The coating material is dried on the pieces of material, and a plurality of thin layers are formed on each of the cores or small pieces of material. A series of rotating drums can be provided to provide the requisite number or thickness of coating layers. In an alternate embodiment, initial coatings of material can be provided on the cores by a batch-type process before the materials are introduced into the continuous coating drums. The formulas for the coating solution can also be adjusted at different stages of the coating process in order to provide a more consistent and uniform coating.

A continuous coating process for chewing gum and bubble gum materials. Small cores or pieces of gum material 20 are introduced into inclined rotating drums 34, 34' in which heated air 52 is circulated and a coating agent 50 is applied (liquid or powder). The coating material is dried on the pieces of material, and a plurality of thin layers are formed on each of the cores or small pieces of material. A series of rotating drums can be provided to provide the requisite number or thickness of coating layers. In an alternate embodiment, initial coatings of material can be provided on the cores by a batch-type process before the materials are introduced into the



continuous coating drums. The formulas for the coating solution can also be adjusted at different stages of the coating process in order to provide a more consistent and uniform coating.

---

Data supplied from the **esp@cenet** database - Worldwide